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[REDACTED]

GMD/PAG/M-30-65  
25 February 1965

MEMORANDUM FOR: NSA/TCO

25X1A

ATTENTION:

THROUGH:

[REDACTED] NSA/LO/NPIC

SUBJECT: Chinese Shipyards and Port Facilities

REFERENCE: Requirement No. [REDACTED] NPIC Project  
No. 12037-64

In response to the referenced requirement, the attached material  
is forwarded herewith;

Pre-release of Detailed Photographic Interpretation Report  
"Shang-hai Shipyard, Shang-hai Dockyards New Works,  
Shang-hai, China".

[REDACTED] 25X1  
Colonel, USA  
Assistant for Photographic Analysis, NPIC

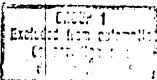
Attachment:  
As stated above

Declass Review by NIMA/DOD

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S-16429

Shang-hai Shipyard Shang-hai Dockyards New Works, Shang-hai, China

The Shang-hai Shipyard, Shang-hai Dockyards New Works ( ) is located in Shang-hai, China on the north bank of the Huang-Pu Chiang (river) at 31-14-50N 121-31-20E\*. Alternate names for this installation are: Shanghai Dockyard, Shanghai Shipyard (West) and Yangtzepoo Dockyard. The shipyard facilities consist of 2 graving docks, 1 marine railway, a fitting out wharf, a probable boiler house, a probable forge, a large building complex probably containing shops and subassembly facilities, miscellaneous shops and storage buildings, and a storage yard. The yard is water and road served only. It is secured by sections of wall or fence which connect buildings along the edge of the yard; thus the building walls form part of the outer perimeter.

The larger graving dock (Item 1) is 575x100 ft at the top and 495x65 ft on its floor. The smaller graving dock (Item 2) is 335x75 ft at the top and 310x60 ft on its floor. The marine railway (Item 3) has a track estimated to be 320x15 ft and is partially covered by a shed 190x30 ft; it occupies a slip 55 ft wide which has been converted into a dock and partially flooded. The fitting out wharf has an overall length of 725 feet; it is served by a rail-mounted portal jib crane, the rail being 475 ft long. Handling equipment includes this portal jib crane and 3 automotive jib cranes.

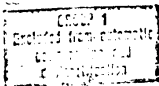
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The installation is located in a congested area which limits expansion. Nevertheless, the changes (shown in red on figure 2) between ( ) indicate modernization and major maintenance of the facilities. The possible machine shop between the 2 docks has been razed and a new possible shop (Item 15) replaces a razed building. The larger graving dock (Item 1) is empty and probably undergoing repair.

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Vessels present on ( ) are listed at the end of the table describing the yard facilities.

\* Coordinates based on USATM SO492-2/14MA, 1st ed., Dec. 62.



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Table: Shipyard Facilities

<u>Item No.</u>	<u>Description</u>	<u>Roof Type</u>	<u>Length (ft)</u>	<u>Width (ft)</u>
1.	Graving Dock Coping (top) Floor Gate, probably floating caisson Unoccupied 2 automotive cranes on floor		575 495	100 65 70
2.	Graving Dock Coping (top) Floor Gate, probable floating caisson Occupied by freighter		335 310	75 60 60
3.	Marine Railway Slip (winch house to gate) Shed, covering tracks Tracks, estimated Gate, possible sliding caisson Winch house Gate converts slip into dock Slip partially flooded, with shed over tracks extending into water Occupied by 3 small craft	Shed, 2 vents     Gable, 1 vent	405 190 320  75	55 30 15  40 45
4.	Possible Shop	Hip	140	40
5.	Possible Shop	Gable, monitor	230	30
6.	New Shop/Storage Building	Gable	120	40
7.	Possible Shop series of low sheds	Varied	170	30
8.	Probable Administration Building 2 stories	Flat	155	45
9.	Office-type Building Possible 2d story loft	Flat	165 oa* 150	45 45

\* oa - Overall

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Item No.	Description	Roof Type	Length (ft)	Width (ft)
10.	Shop and possible subassembly building complex Complex of 10 east-west halls and 1 north-south hall, all joined together largest east-west hall north-south hall	Monitor & Gable	505 oa*	240 oa
		Monitor	235	55
		Gable	235	55
11.	Possible Shop Building	Gable	305	55 oa.
12.	Probable Forge	Gable	85 oa	60
13.	Probable Boiler House	Gable	25	20
14.	Possible Shops Complex of 4 structures	Monitor, Gable & Flat	215 oa	105 oa
15.	New Possible Shop	Gable	145	55
16.	Storage Yard		270	250
17.	Fitting Out Wharf Equipment includes 1 portal jib crane 1 automotive jib crane		725 oa	
18.	Pontoon Wharf approach		60 40	25 15
19.	Pontoon Wharf		60	30

HANDLING EQUIPMENT

1 Portal jib crane (see 17)	20	20
rail	475	15
1 Automotive crane (see 17)	est 15	est 10
2 Automotive cranes (see 1)	est 15	est 10
	est 10	est 10

VESSELS:

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Graving Dock (Item 2):  
1 Freighter (stack aft)      LOA\*\* 315 ft

\* oa - Overall

\*\* LOA- Length Overall

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Fitting Out Wharf:

1 Freighter (split superstructure)	LOA 435 ft
1 Passenger	LOA 350
7 Small Craft	LOA 55-85

Marine Railway:

3 Small Craft	LOA 70
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Graving Dock (Item 1):

1 Freighter (single superstructure)	LOA 415
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Graving Dock (Item 2):

1 Freighter (central stack)	LOA 295
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Fitting Out Wharf:

1 Freighter (single superstructure)	LOA 255
1 Coastal Passenger	LOA 210
1 Tanker	LOA 370
1 Coastal Passenger	LOA 180
7 Small Craft	LOA 50-80

References

Photography:

25X1D

Maps or Charts:

PACAF. USATM - Series 50, Sheet SO492-2/14MA, 1st ed., Dec. 62,  
scale 1:50,000 (SECRET)

Requirement:

Partial answer

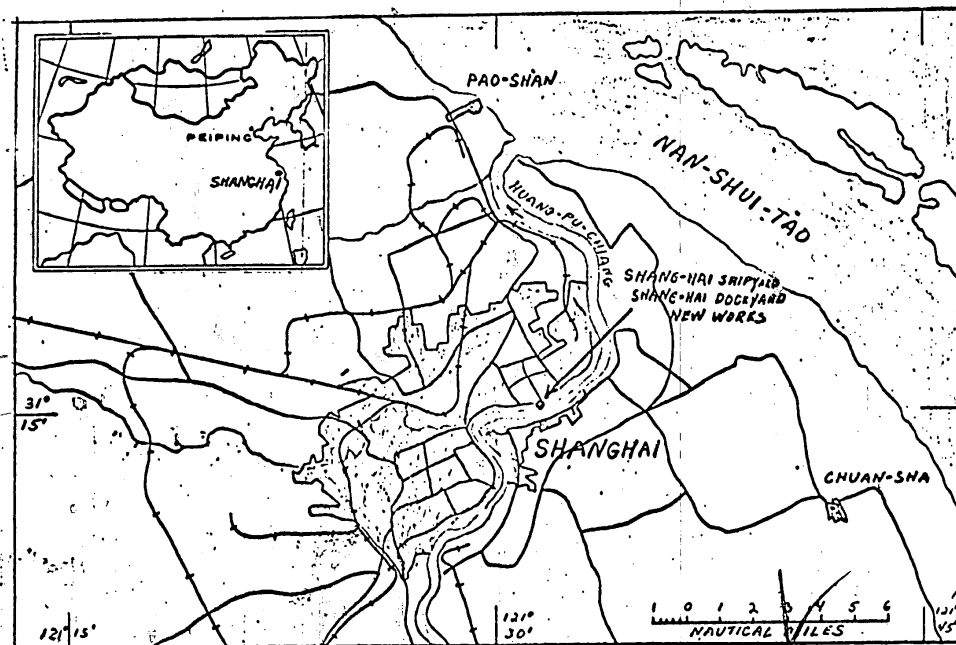
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SAME SIZE  
6 1/4" x 4 1/4"

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FIG 1 OF 2

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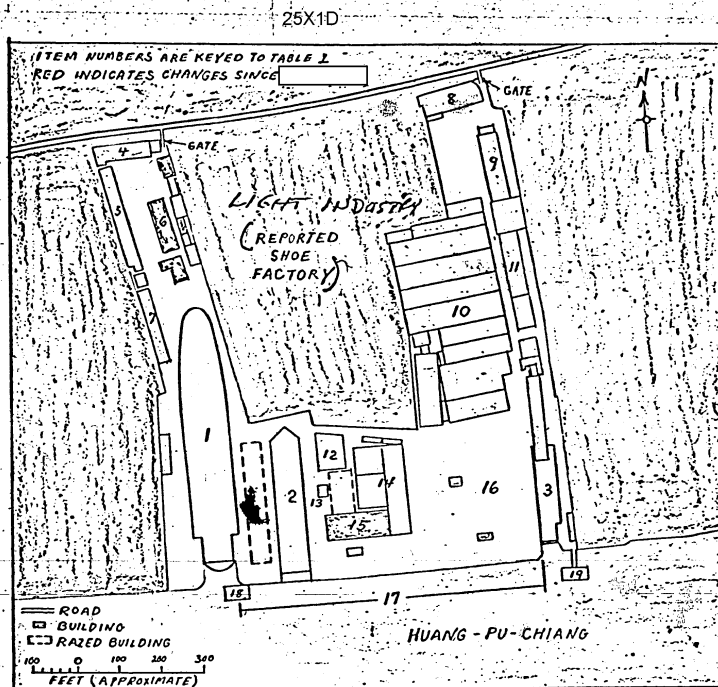
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FIG 2 OF 2

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CMD/PAC/M-30-65 dated 25 Feb. 65